L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
C-HRD-11000	732	A	functional	approved					The Enterprise Monitoring Server shall be physically and functionally identical to the Enterprise Communications Server in supporting the CSMS requirements.
C-HRD-11005	733	A	functional	approved					The Enterprise Monitoring Server shall share data with the Local System Management Server in supporting the CSMS requirements.
C-HRD-11010	734	A	functional	approved					The Enterprise Monitoring Server shall preserve DAAC autonomy of operations.
C-HRD-11015	735	A	functional	approved					The Enterprise Monitoring Server shall host the MSS software configuration items to create, with the Enterprise Communications Server and Management Workstations, an enterprise monitoring and coordination center for the ECS.
C-HRD-11100	736	A	functional	approved					The Enterprise Monitoring Server processor shall include a dedicated terminal to be used as a local systems operations console.
C-HRD-11105	737	A	functional	approved					The Enterprise Monitoring Server processor shall be capable of expansion with additional quantities and types of peripherals.
C-HRD-11110	738	A	functional	approved					The Enterprise Monitoring Server processor shall be upgradeable/replaceable within the same product family without major software modification or replacement of any peripheral or attached component.
C-HRD-11120	741	A	functional	approved					The Enterprise Monitoring Server processor terminal shall be compatible with the Management Workstation display device.
C-HRD-11310	742	A	functional	approved					The Enterprise Monitoring Server data storage shall be compatible with the Local System Management Server short-term data storage.
C-HRD-11315	743	A	functional	approved					The Enterprise Monitoring Server data storage shall support RAID level-5: striping with interleaved parity.

C-HRD-11320	744	A	functional	approved						The Enterprise Monitoring Server data storage shall have the following hot swappable components: a. Disks b. Power Supplies c. Fans d. Disk-array controllers
C-HRD-11325	745	A	functional	approved						The Enterprise Monitoring Server data storage shall be cross-strapped with the Enterprise Communications Server data storage in supporting the CSMS requirements.
C-HRD-11335	747	A	functional	approved						The Enterprise Monitoring Server data storage shall be capable of archiving data to the ECS data server archive for data archive.
C-HRD-11345	749	A	functional	approved						The Enterprise Monitoring Server data archive shall adhere to ECS data server archival requirements for data storage and retrieval.
C-HRD-11505	751	A	functional	approved						The Enterprise Monitoring Server peripheral disk drives shall be capable of retrieving data stored from both the enterprise monitoring server data storage and data archive.
C-HRD-11530	752	A	functional	approved						The Enterprise Monitoring Server peripherals shall support at least one tape drive.
C-HRD-11535	753	A	functional	approved						The Enterprise Monitoring Server peripheral tape drive shall have the following characteristics: a. 4mm Digital Audio Tape format b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90) c. Data transfer rate of 200KB/sec
C-HRD-11540	754	A	functional	approved						The Enterprise Monitoring Server tape drives shall be upgradeable/replaceable within the same product family.
C-HRD-11565	755	A	functional	approved						The Enterprise Monitoring Server peripherals shall support at least one CD-ROM drive.
C-HRD-11570	756	A	functional	approved						The Enterprise Monitoring Server peripheral CD-ROM drive shall have the following characteristic:

									a. ~~Accept 600MB Compact Disk~~
~~C-HRD-11575~~	~~757~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Monitoring Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.~~
~~C-HRD-12000~~	~~758~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server shall be physically and functionally identical to the Local Communications Server in supporting the CSMS requirements.~~
~~C-HRD-12005~~	~~759~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server shall share data with the Enterprise Monitoring Server in supporting the CSMS requirements.~~
~~C-HRD-12010~~	~~760~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server shall manage only the local DAAC and preserve other DAAC autonomy of operations.~~
~~C-HRD-12015~~	~~761~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server shall host the MSS software configuration items to create, with the Local Communications Server and Management Workstations, a local system management center for each ECS DAAC.~~
~~C-HRD-12100~~	~~762~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server processor shall include a dedicated terminal to be used as a local systems operations console.~~
~~C-HRD-12105~~	~~763~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server processor shall be capable of expansion with additional quantities and types of peripherals.~~
~~C-HRD-12110~~	~~764~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server processor shall be upgradeable/replaceable within the same product family without major software modification or replacement of any peripheral or attached component.~~
~~C-HRD-12120~~	~~746~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server processor terminal shall be compatible with the Management Workstation display device.~~
~~C-HRD-12310~~	~~768~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server data storage shall be compatible with the Enterprise Monitoring Server intermediate-term data storage.~~

~~C-HRD-12315~~	~~769~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server data storage shall support RAID level-5: striping with interleaved parity.~~
~~C-HRD-12320~~	~~770~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server data storage shall have the following hot swappable components:~~ ~~a. Disks~~ ~~b. Power Supplies~~ ~~c. Fans~~ ~~d. Disk-array controllers~~
~~C-HRD-12325~~	~~771~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server data storage shall be cross-strapped with the Local Communications Server short-term data storage in supporting the CSMS requirements.~~
~~C-HRD-12335~~	~~773~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server data storage shall be capable of archiving data to the ECS Data Server archive for data archive.~~
~~C-HRD-12345~~	~~748~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server data archive shall adhere to ECS Data Server archival requirements for data storage and retrieval.~~
~~C-HRD-12505~~	~~775~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server peripheral disk drives shall be capable of retrieving data stored from both the Local Management server data storage data archive.~~
~~C-HRD-12530~~	~~776~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server peripherals shall support at least one tape drive.~~
~~C-HRD-12535~~	~~777~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server peripheral tape drive shall have the following characteristics:~~ ~~a. 4mm Digital Audio Tape format~~ ~~b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90)~~ ~~c. Data transfer rate of 200KB/sec~~
~~C-HRD-12540~~	~~778~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server tape drives shall be upgradeable/replaceable within the same product family.~~
~~C-HRD-12565~~	~~779~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server peripherals shall support at least one CD-ROM drive.~~
~~C-HRD-12570~~	~~780~~	~~A~~	~~functional~~	~~approved~~						~~The Local Management Server peripheral CD-~~

									~~ROM drive shall have the following characteristic:~~ ~~a. Accept 600MB Compact Disk~~
~~C-HRD-12575~~	~~781~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.~~
~~C-HRD-13000~~	~~782~~	~~A~~	~~functional~~	~~approved~~					~~All Management Workstations and processors shall be capable of operating simultaneously and independently of other workstations and management/communications servers.~~
~~C-HRD-13100~~	~~783~~	~~A~~	~~functional~~	~~approved~~					~~At a minimum, each processor shall have the capability to support a POSIX compliant IEEE 1003.1 operating system (UNIX).~~
~~C-HRD-13105~~	~~784~~	~~A~~	~~functional~~	~~approved~~					~~Each Management Workstation shall provide one QWERTY keyboard which shall:~~ ~~a. Be detachable and cabled for movement on a desk-top style workstation area~~ ~~b. Provide a minimum of 12 programmable function keys~~
~~C-HRD-13110~~	~~785~~	~~A~~	~~functional~~	~~approved~~					~~Each Management Workstation shall provide one color text and graphics display device which shall:~~ ~~a. Display the complete ASCII character set~~ ~~b. Provide a minimum of 1024 pixel x 864 lines resolution display~~ ~~c. Display a minimum of 16 colors~~ ~~d. Display pages 24 lines by 80 characters wide~~ ~~e. Display a minimum of four screen display pages~~ ~~f. Display pages readable from any location along the width of the workstation and up to a distance of 6 feet from the screen~~ ~~g. Provide a minimum of 19 inches diagonal non-glare screen~~ ~~h. Provide RGB video output for hard copy~~

									i. ~~Feature an integral swivel/tilt base~~ j. ~~Provide brightness, contrast and power controls within easy reach.~~ k. ~~Be physically relocatable within the operations center~~
~~C-HRD-13115~~	~~786~~	~~A~~	~~functional~~	~~approved~~					~~The Management Workstation shall provide one cursor pointing device (mouse).~~
~~C-HRD-13120~~	~~787~~	~~A~~	~~functional~~	~~approved~~					~~The Management Workstation shall be upgradeable/replaceable within the same product family.~~
~~C-HRD-13300~~	~~788~~	~~A~~	~~functional~~	~~approved~~					~~The Management Workstation data storage shall be capable of retrieving data from the data storage function of both the Enterprise Monitoring Server and the Local Management Server.~~
~~C-HRD-13505~~	~~790~~	~~A~~	~~functional~~	~~approved~~					~~All Management Workstation disk drives serving a specific function (e.g. local management, enterprise monitoring) shall be identical and will have equal capacity.~~
~~C-HRD-13900~~	~~791~~	~~A~~	~~functional~~	~~approved~~					~~Each Printer shall be physically and functionally identical in supporting the CSMS printing requirements.~~
~~C-HRD-16000~~	~~9104~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Monitoring Server shall be capable of 100 percent growth in the processing speed specified in Appendix A of the current version of 304-CD-003 without modifications or upgrades to software.~~
~~C-HRD-16005~~	~~9105~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Monitoring Server shall be capable of 100 percent growth in the storage capacity specified in Appendix A of the current version of 304-CD-003 without modifications or upgrades to software.~~
~~C-HRD-16010~~	~~9107~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server shall be capable of 100 percent growth in the processing speed specified in Appendix A of the current version of 304-CD-003 without modifications or upgrades to software.~~
~~C-HRD-16015~~	~~9109~~	~~A~~	~~functional~~	~~approved~~					~~The Local Management Server shall be capable~~

									of 100 percent growth in the storage capacity specified in Appendix A of the current version of 304-CD-003 without modifications or upgrades to software.
C-HRD-16020	9100	A	functional	approved					The Enterprise Monitoring Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-003.
C-HRD-16025	9099	A	functional	approved					The Local Management Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-003 for all DAAC configurations.
C-HRD-16030	9101	A	functional	approved					The Management Workstation shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-003.
C-HRD-17000	796	A	functional	approved					The MSS-MHCI hardware selection criteria shall meet overall ECS security policies and system requirements.
C-HRD-18010	5262	A	RMA	approved					The MSS-MHCI functional string between the Enterprise Monitoring Server and the Local Management Server at the SMC shall be configured to support the SMC function of Gathering and Disseminating System Management Information's Availability requirement of 0.998 and a Mean Down Time of < 20 minutes during times of staffed operation.
C-HRD-21000	801	A	functional	approved					The Enterprise Communications Server shall be physically and functionally identical to the Enterprise Monitoring Server in supporting the CSMS requirements.
C-HRD-21005	802	A	functional	approved					The Enterprise Communications Server shall share data with the Local Communications Server in supporting the CSMS requirements.
C-HRD-21010	803	A	functional	approved					The Enterprise Communications Server shall preserve DAAC autonomy of operations.

~~C-HRD-21015~~	~~804~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server shall host the CSS software configuration items to create, with the Enterprise Monitoring Server and Management Workstations, an enterprise monitoring and coordination center for the ECS.~~
~~C-HRD-21100~~	~~805~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server processor shall include a dedicated terminal to be used as a local systems operations console.~~
~~C-HRD-21105~~	~~806~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server processor shall be capable of expansion with additional quantities and types of peripherals.~~
~~C-HRD-21110~~	~~807~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server processor shall be upgradeable/replaceable within the same product family without major software modification or replacement of any peripheral or attached component.~~
~~C-HRD-21120~~	~~774~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server processor terminal shall be compatible with the Management Workstation display device.~~
~~C-HRD-21310~~	~~811~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server data storage shall be compatible with the Communications Server short-term data storage.~~
~~C-HRD-21315~~	~~812~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server data storage shall support RAID level-5: striping with interleaved parity.~~
~~C-HRD-21320~~	~~813~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server data storage shall have the following hot swappable components:~~ ~~a. Disks~~ ~~b. Power Supplies~~ ~~c. Fans~~ ~~d. Disk-array controllers~~
~~C-HRD-21325~~	~~814~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server data storage shall be cross-strapped with the Enterprise Monitoring Server data storage in supporting the CSMS requirements.~~

~~C-HRD-21335~~	~~816~~	~~A~~	~~functional~~	~~approved~~						~~The Enterprise Communications Server data storage shall be capable of archiving data to the ECS Data Server archive for data archive.~~
~~C-HRD-21345~~	~~818~~	~~A~~	~~functional~~	~~approved~~						~~The Enterprise Communications Server data archive shall adhere to ECS data server archival requirements for data storage and retrieval.~~
~~C-HRD-21505~~	~~820~~	~~A~~	~~functional~~	~~approved~~						~~The Enterprise Communications Server peripheral disk drives shall be capable of retrieving data stored from both the Enterprise Communications server data storage and data archive.~~
~~C-HRD-21530~~	~~821~~	~~A~~	~~functional~~	~~approved~~						~~The Enterprise Communications Server peripherals shall support at least one tape drive.~~
~~C-HRD-21535~~	~~822~~	~~A~~	~~functional~~	~~approved~~						~~The Enterprise Communications Server peripheral tape drive shall have the following characteristics:~~ ~~a. 4mm Digital Audio Tape format~~ ~~b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90)~~ ~~c. Data transfer rate of 200KB/sec~~
~~C-HRD-21540~~	~~823~~	~~A~~	~~functional~~	~~approved~~						~~The Enterprise Communications Server tape drives shall be upgradeable/replaceable within the same product family.~~
~~C-HRD-21565~~	~~824~~	~~A~~	~~functional~~	~~approved~~						~~The Enterprise Communications Server peripherals shall support at least one CD-ROM drive.~~
~~C-HRD-21570~~	~~825~~	~~A~~	~~functional~~	~~approved~~						~~The Enterprise Communications Server peripheral CD-ROM drive shall have the following characteristic:~~ ~~a. Accept 600MB Compact Disk~~
~~C-HRD-21575~~	~~826~~	~~A~~	~~functional~~	~~approved~~						~~The Enterprise Communications Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.~~
~~C-HRD-22000~~	~~829~~	~~A~~	~~functional~~	~~approved~~						~~The Local Communications Server shall be physically and functionally identical to the Local Management Server in supporting the~~

										CSMS requirements.
C-HRD-22005	830	A	functional	approved						The Local Communications Server shall share data with the Enterprise Communications Server in supporting the CSMS requirements.
C-HRD-22010	831	A	functional	approved						The Local Communications Server shall be configurable according to local DAAC user authentication/authorization policy and preserve other DAAC autonomy of operations.
C-HRD-22015	832	A	functional	approved						The Local Communications Server shall host the CSS software configuration items to create, with the Local Management Server and Management Workstations, a local system management center for each ECS DAAC.
C-HRD-22100	833	A	functional	approved						The Local Communications Server processor shall include a dedicated terminal to be used as a local systems operations console.
C-HRD-22105	834	A	functional	approved						The Local Communications Server processor shall be capable of expansion with additional quantities and types of peripherals.
C-HRD-22110	835	A	functional	approved						The Local Communications Server processor shall be upgradeable/replaceable within the same product family without major software modification or replacement of any peripheral or attached component.
C-HRD-22115	836	A	functional	approved						The Local Communications Server processor shall have the capability to support a POSIX compliant IEEE 1003.1 operating system (UNIX).
C-HRD-22120	789	A	functional	approved						The Local Communications Server processor terminal shall be compatible with the Management Workstation display device.
C-HRD-22300	837	A	functional	approved						The Local Communications Server data storage shall be compatible with POSIX compliant operating systems from several vendors.
C-HRD-22310	839	A	functional	approved						The Local Communications Server short-term data storage shall be compatible with the Enterprise Communications Server intermediate-term data storage.

C-HRD-22315	840	A	functional	approved					The Local Communications Server data storage shall support RAID level-5: striping with interleaved parity.
C-HRD-22320	841	A	functional	approved					The Local Communications Server data storage shall have the following hot swappable components: a. Disks b. Power Supplies c. Fans d. Disk-array controllers
C-HRD-22325	842	A	functional	approved					The Local Communications Server data storage shall be cross-strapped with the Local Management Server short-term data storage in supporting the CSMS requirements.
C-HRD-22335	844	A	functional	approved					The Local Communications Server data storage shall be capable of archiving data to the ECS Data Server archive.
C-HRD-22345	810	A	functional	approved					The Local Communications Server data archive shall adhere to ECS Data Server archival requirements for data storage and retrieval.
C-HRD-22505	846	A	functional	approved					The Local Communications Server peripheral disk drives shall be capable of retrieving data stored from both the Local Communications server data storage and data archive.
C-HRD-22530	847	A	functional	approved					The Local Communications Server peripherals shall support at least one tape drive.
C-HRD-22535	848	A	functional	approved					The Local Communications Server peripheral tape drive shall have the following characteristics: a. 4mm Digital Audio Tape format b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90) c. Data transfer rate of 200KB/sec
C-HRD-22540	849	A	functional	approved					The Local Communications Server tape drives shall be upgradeable/replaceable within the same product family.
C-HRD-22565	850	A	functional	approved					The Local Communications Server peripherals shall support at least one CD-ROM drive.

~~C-HRD-22570~~	~~851~~	~~A~~	~~functional~~	~~approved~~						~~The Local Communications Server peripheral CD-ROM drive shall have the following characteristic:~~ ~~a. Accept 600MB Compact Disk~~
~~C-HRD-22575~~	~~852~~	~~A~~	~~functional~~	~~approved~~						~~The Local Communications Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.~~
~~C-HRD-23000~~	~~854~~	~~A~~	~~functional~~	~~approved~~						~~The Bulletin Board Server shall share data with the Enterprise Communications Server in supporting the CSMS requirements.~~
~~C-HRD-23005~~	~~855~~	~~A~~	~~functional~~	~~approved~~						~~The Bulletin Board Server shall preserve DAAC autonomy of operations and aggregate all ECS DAAC authentication/authorization policies by user type and DAAC, to provide a integrated view of ECS for user registration, account administration, and authentication/authorization to ECS services.~~
~~C-HRD-23010~~	~~856~~	~~A~~	~~functional~~	~~approved~~						~~The Bulletin Board Server shall host the CSS software configuration items to create a single, secure unified access to all ECS services.~~
~~C-HRD-23015~~	~~857~~	~~A~~	~~functional~~	~~approved~~						~~The Bulletin Board Server shall host ECS client software and toolkits for ECS-external distribution.~~
~~C-HRD-23100~~	~~858~~	~~A~~	~~functional~~	~~approved~~						~~The Bulletin Board Server processor shall include a dedicated terminal to be used as a local systems operations console.~~
~~C-HRD-23105~~	~~859~~	~~A~~	~~functional~~	~~approved~~						~~The Bulletin Board Server processor shall be upgradeable/expandable with additional quantities and types of peripherals.~~
~~C-HRD-23August 18, 1997110~~	~~860~~	~~A~~	~~functional~~	~~approved~~						~~The Bulletin Board Server processor shall be upgradeable/replaceable within the same product family without the need for any perturbation of any software or replacement of any peripheral or attached component.~~
~~C-HRD-23120~~	~~815~~	~~A~~	~~functional~~	~~approved~~						~~The Bulletin Board Server processor terminal shall be compatible with the Management Workstation display device.~~

C-HRD-23310	864	A	functional	approved						The Bulletin Board Server data storage shall be capable of archiving data to the ECS data server archive for long-term storage and software/toolkit safestore.
C-HRD-23320	866	A	functional	approved						The Bulletin Board Server data archive shall adhere to ECS data server archival requirements for data storage and retrieval.
C-HRD-23530	867	A	functional	approved						The Bulletin Board Server peripherals shall support at least one tape drive.
C-HRD-23535	868	A	functional	approved						The Bulletin Board Server peripheral tape drive shall have the following characteristics: a. 4mm Digital Audio Tape format b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90) c. Data transfer rate of 200KB/sec
C-HRD-23540	869	A	functional	approved						The Bulletin Board Server tape drives shall be upgradeable/replaceable within the same product family.
C-HRD-23565	870	A	functional	approved						The Bulletin Board Server peripherals shall support at least one CD-ROM drive.
C-HRD-23570	871	A	functional	approved						The Bulletin Board Server peripheral CD-ROM drive shall have the following characteristic: a. Accept 600MB Compact Disk
C-HRD-23575	872	A	functional	approved						The Bulletin Board Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.
C-HRD-26000	9110	A	functional	approved						The Enterprise Communications Server shall be capable of 100 percent growth in the processing speed specified in Appendix A of the current version of 304-CD-003 without modifications or upgrade to software.
C-HRD-26005	9112	A	functional	approved						The Enterprise Communications Server shall be capable of 100 percent growth in the storage capacity specified in Appendix A of the current version of 304-CD-003 without modifications or upgrade to software.
C-HRD-26010	9113	A	functional	approved						The Local Communications Server shall be capable of 100 percent growth in the processing

									~~speed specified in Appendix A of the current version of 304-CD-003 without modifications or upgrade to software.~~
~~C-HRD-26015~~	~~9115~~	~~A~~	~~functional~~	~~approved~~					~~The Local Communications Server shall be capable of 100 percent growth in the storage capacity specified in Appendix A of the current version of 304-CD-003 without modifications or upgrade to software.~~
~~C-HRD-26020~~	~~9116~~	~~A~~	~~functional~~	~~approved~~					~~The Enterprise Communications Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-003.~~
~~C-HRD-26025~~	~~9118~~	~~A~~	~~functional~~	~~approved~~					~~The Local Communications Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-003.~~
~~C-HRD-26030~~	~~9119~~	~~A~~	~~functional~~	~~approved~~					~~The Bulletin Board Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-003.~~
~~C-HRD-27000~~	~~874~~	~~A~~	~~functional~~	~~approved~~					~~The CSS-DCHCI hardware selection criteria shall meet overall ECS security policies and system requirements.~~
~~C-HRD-27005~~	~~875~~	~~A~~	~~functional~~	~~approved~~					~~The CSS-DCHCI Bulletin Board Server shall provide a security perimeter for ECS.~~
~~C-HRD-27010~~	~~876~~	~~A~~	~~functional~~	~~approved~~					~~The CSS-DCHCI Enterprise and Local Communications Servers shall be configured to provide autonomous DAAC security perimeters, FOS isolation, and an Iso-cell ECS security perimeter.~~
~~C-HRD-28005~~	~~878~~	~~A~~	~~functional~~	~~approved~~					~~The CSS-DCHCI Local Communications Server shall maintain one backup of all software and key data items in a separate physical location.~~
~~C-HRD-28020~~	~~5224~~	~~A~~	~~RMA~~	~~approved~~					~~The CSS DCHCI Enterprise Communications Server at the SMC shall be configured to support the SMC function of Gathering and Disseminating System Management~~

									~~Information's availability requirement of .998 and a mean down time of <= 20 minutes during times of staffed operation.~~
~~C-HRD-31000~~	~~11583~~	~~A~~	~~functional~~	~~approved~~	~~inspection~~	~~unverified~~	~~96-1097~~		~~The ISS shall provide LANs at the following Release A sites:~~ ~~a.　　GSFC DAAC LAN~~ ~~b.　　GSFC EOC LAN~~ ~~c.　　EDC DAAC LAN~~ ~~d.　　LaRC DAAC LAN~~ ~~e.　　GSFC SMC LAN~~
~~C-HRD-33000~~	~~10640~~	~~A~~	~~functional|interface~~	~~approved~~	~~inspection~~	~~unverified~~	~~96-0746A~~		~~The ISS shall provide at the following DAACs an 8-port Terminal Access Server for SCFs requiring interactive remote access via a dial-up connection:~~ ~~a. EDC~~ ~~b. LaRC~~
~~C-HRD-33010~~	~~10641~~	~~A~~	~~functional|interface~~	~~approved~~	~~inspection~~	~~unverified~~	~~96-0746A~~		~~The ISS shall provide at the following DAACs two V.34 compatible modems for each SCF requiring remote access via a dial-up connection:~~ ~~a. EDC~~ ~~b. LaRC~~
~~C-HRD-34000~~	~~889~~	~~A~~	~~functional~~	~~approved~~					~~The LAN Analysis Equipment shall provide protocol analysis through the transport layer for all ISS LAN protocols and interconnection protocols to MANs/WANs.~~
~~C-HRD-34010~~	~~9772~~	~~A~~	~~functional~~	~~approved~~					~~The LAN Analysis Equipment shall include:~~ ~~a.　　Communications line monitors to store and display up to 10,000 bytes of data sent and received over any of the communications lines at rates of 10MB/sec to 100MB/sec, and supporting the protocols used within and interconnecting ECS.~~ ~~b.　　Local Area Network analyzers~~
~~C-HRD-36010~~	~~892~~	~~A~~	~~functional~~	~~approved~~					~~The EOC Operational LAN backbone shall be able to support a peak traffic rate of 24 Mbps to support AM-1 flows from the Ecom interface.~~
~~C-HRD-36020~~	~~893~~	~~A~~	~~functional~~	~~approved~~					~~The ISS shall provide wide area bandwidth~~

								~~necessary to support data transfer in accordance with Release A requirements specified in "Communications Requirements for the ECS Project", 194-220-SE3-001.~~
~~C-HRD-36030~~	~~9120~~	~~A~~	~~functional~~	~~approved~~				~~The ISS shall provide sufficient local area network bandwidth at the LaRC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release A network I/O sizing listed in Appendix A of the current version of 304-CD-003.~~
~~C-HRD-36050~~	~~9124~~	~~A~~	~~functional~~	~~approved~~				~~The ISS shall provide sufficient local area network bandwidth at the GSFC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release A network I/O sizing listed in Appendix A of the current version of 304-CD-003.~~
~~C-HRD-36060~~	~~9126~~	~~A~~	~~functional~~	~~approved~~				~~The ISS shall provide sufficient local area network bandwidth at the EDC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release A network sizing listed in Appendix A of the current version of 304-CD-003.~~
~~C-HRD-36065~~	~~853~~	~~A~~	~~functional~~	~~approved~~				~~The ISS shall reuse the existing V0 DAAC LAN at EDC for Release A.~~
~~C-HRD-36070~~	~~11594~~	~~A~~	~~functional~~	~~approved~~	~~analysis~~	~~unverified~~	~~96-1097~~	~~The ISS LANs at the GSFC and LaRC DAAC sites shall be capable of supporting twice the R-A network traffic load estimates without redesign.~~
~~C-HRD-36080~~	~~899~~	~~A~~	~~functional~~	~~approved~~				~~The ISS LANs at the Release-A DAAC sites shall be designed in a manner that allows a. Nodes to be added to any given LAN segment. b. Additional LAN segments to be added to the LAN.~~
~~C-HRD-36090~~	~~900~~	~~A~~	~~functional~~	~~approved~~				~~The EOC Operational LAN shall be able to~~

										~~support 230 network devices without redesign.~~
~~C-HRD-36100~~	~~901~~	~~A~~	~~functional~~	~~approved~~						~~The EOC Operational LAN shall be able to support peak data rates of up to 48 Mbps without redesign.~~
~~C-HRD-37000~~	~~902~~	~~A~~	~~functional~~	~~approved~~						~~The ISS networks shall support the use of network and transport layer filtering to control access from internal and external interfaces.~~
~~C-HRD-39000~~	~~903~~	~~A~~	~~functional~~	~~approved~~						~~The ISS-INHCI DAAC LANs shall provide transparent portability across heterogeneous site LAN architectures.~~
~~C-HRD-39005~~	~~904~~	~~A~~	~~functional~~	~~approved~~						~~The ISS-INHCI DAAC LANs shall enable expansion to GByte networks including the ability to provide increased volume of data distribution and access.~~
~~C-HRD-42005~~	~~913~~	~~A~~	~~functional~~	~~approved~~						~~The GSFC LSM in the R-A timeframe shall provide a Local Communications Server configured with:~~ ~~a. Two Fixed Disks~~ ~~b. One Tape Drive~~ ~~c. One CD-ROM Drive~~ ~~d. Storage cross-strapped with Local Management Server~~
~~C-HRD-42010~~	~~914~~	~~A~~	~~functional~~	~~approved~~						~~The GSFC LSM in the R-A timeframe shall provide one Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.~~
~~C-HRD-42015~~	~~5326~~	~~A~~	~~functional~~	~~approved~~						~~The GSFC LSM in the R-A timeframe shall provide two (2) Management Workstations, which can perform any GSFC LSM function.~~
~~C-HRD-42020~~	~~916~~	~~A~~	~~functional~~	~~approved~~						~~The GSFC LSM in the R-A timeframe shall provide 1 system printer.~~
~~C-HRD-42500~~	~~917~~	~~A~~	~~functional~~	~~approved~~						~~The GSFC infrastructure in the R-A timeframe shall provide one GSFC LAN.~~
~~C-HRD-42700~~	~~918~~	~~A~~	~~functional~~	~~approved~~						~~The GSFC EMC in the R-A timeframe shall provide an enterprise monitoring server, enterprise communications server, four (4) Management Workstations, one (1) printer, and~~

									~~bulletin board server transferred from the IR-1 EDF.~~
~~C-HRD-42705~~	~~919~~	~~A~~	~~functional~~	~~approved~~					~~The GSFC EMC in the R-A timeframe shall provide, via the ECS data server, a Enterprise Monitoring Server long-term data storage capability.~~
~~C-HRD-43000~~	~~920~~	~~A~~	~~functional~~	~~approved~~					~~The EOC LSM in the R-A timeframe shall provide a Local Management Server configured with:~~ ~~a. Two Fixed Disks~~ ~~b. One Tape Drive~~ ~~c. One CD-ROM Drive~~ ~~d. Storage cross-strapped with Local Communications Server~~
~~C-HRD-43005~~	~~921~~	~~A~~	~~functional~~	~~approved~~					~~The EOC LSM in the R-A timeframe shall provide a Local Communications Server configured with:~~ ~~a. Two Fixed Disks~~ ~~b. One Tape Drive~~ ~~c. One CD-ROM Drive~~ ~~d. Storage cross-strapped with Local Management Server~~
~~C-HRD-43010~~	~~922~~	~~A~~	~~functional~~	~~approved~~					~~The EOC LSM in the R-A timeframe shall provide one Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.~~
~~C-HRD-43015~~	~~923~~	~~A~~	~~functional~~	~~approved~~					~~The EOC LSM in the R-A timeframe shall provide two (2) Management Workstations, which can perform any EOC LSM function.~~
~~C-HRD-43020~~	~~924~~	~~A~~	~~functional~~	~~approved~~					~~The EOC LSM in the R-A timeframe shall provide 1 system printer.~~
~~C-HRD-43500~~	~~925~~	~~A~~	~~functional~~	~~approved~~					~~The EOC infrastructure in the R-A timeframe shall provide one EOC LAN.~~
~~C-HRD-45005~~	~~933~~	~~A~~	~~functional~~	~~approved~~					~~The LaRC LSM in the R-A timeframe shall provide a Local Communications Server configured with:~~ ~~a. Two Fixed Disks~~

									b. One Tape Drive c. One CD-ROM Drive d. Storage cross-strapped with Local Management Server
C-HRD-45010	934	A	functional	approved					The LaRC LSM in the R-A timeframe shall provide one Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.
C-HRD-45015	5328	A	functional	approved					The LaRC LSM in the R-A timeframe shall provide two (2) Management Workstations, which can perform any LaRC LSM function.
C-HRD-45020	936	A	functional	approved					The LaRC LSM in the R-A timeframe shall provide 1 system printer.
C-HRD-45500	937	A	functional	approved					The LaRC infrastructure in the R-A timeframe shall provide one LaRC LAN.
C-HRD-46005	939	A	functional	approved					The EDC LSM in the R-A timeframe shall provide a Local Communications Server configured with: a. Two Fixed Disks b. One Tape Drive c. One CD-ROM Drive d. Storage cross-strapped with Local Management Server
C-HRD-46010	940	A	functional	approved					The EDC LSM in the R-A timeframe shall provide one Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.
C-HRD-46015	5329	A	functional	approved					The EDC LSM in the R-A timeframe shall provide two (2) Management Workstations, which can perform any EDC LSM function.
C-HRD-46020	942	A	functional	approved					The EDC LSM in the R-A timeframe shall provide 1 system printer.
C-HRD-46500	943	A	functional	approved					The EDC infrastructure in the R-A timeframe shall provide one EDC LAN.